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# ecology and environment, inc.

International Specialists in the Environment

1500 Wells Fargo Center , 999 Third Avenue  
Seattle , Washington 98104  
Tel: (206) 624-9537 , Fax: (206) 621-9832

DATE: May 18, 2000

TO: Monica Tonel, Task Monitor, U.S. EPA, Region 10, Seattle, WA

FROM: Annette Franzen, START Project Leader, E & E, Seattle, WA *BF*

SUBJ: Site Recommendations  
Upper Columbia River Preliminary Assessment  
Segment River Mile 597 to 620  
Ferry, Lincoln, and Okanogan Counties, Washington

REF: Contract No. 68-W6-0008  
Technical Direction Document No. 99-10-0002

CC: Gary Sink, START Project Officer, U.S. EPA, Region 10, Seattle, WA  
Dave Byers, START Program Manager, E & E, Seattle, WA  
Julie Howe, START Project Manager, E & E, Seattle, WA

This recommendations memorandum has been developed for the Upper Columbia River Segment River Mile 597 to 620 site, in northeast Washington, as part of a Preliminary Assessment (PA).

The Upper Columbia River, River Mile 597 to 620 site consists of 23 miles of contaminated river sediments that are not wholly attributed to a single source. This stretch of the Columbia River begins at the Grand Coulee Dam and ends approximately five miles upstream of the Columbia River's confluence with the Sanpoil River. Studies by the United States Geological Survey document the presence of hazardous substances in sediment samples collected from the river segment at significantly higher concentrations than those found in background samples and samples from other major tributaries that discharge to the Columbia River.

Based on the findings presented in the PA Report, the START recommends that the Upper Columbia River, River Mile 597 to 620 site be further investigated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

If you have any questions or comments regarding this recommendation please call me at 206/624-9537.






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FROM: Annette Franzen, START Project Leader, E & E, Seattle, WA 

SUBJ: Site Recommendations  
Upper Columbia River Preliminary Assessment  
Segment River Mile 620 to 640  
Ferry and Lincoln Counties, Washington

REF: Contract No. 68-W6-0008  
Technical Direction Document No. 99-10-0002

CC: Gary Sink, START Project Officer, U.S. EPA, Region 10, Seattle, WA  
Dave Byers, START Program Manager, E & E, Seattle, WA  
Julie Howe, START Project Manager, E & E, Seattle, WA

This recommendations memorandum has been developed for the Upper Columbia River Segment River Mile 620 to 640 site, in northeast Washington, as part of a Preliminary Assessment (PA).

The Upper Columbia River, River Mile 620 to 640 site consists of 20 miles of contaminated river sediments that are not wholly attributed to a single source. This stretch of the Columbia River begins approximately five miles upstream of the Columbia River's confluence with the Sanpoil River and ends just upstream of the confluence with the Spokane River. Studies by the United States Geological Survey document the presence of hazardous substances in sediment samples collected from the river segment at significantly higher concentrations than those found in background samples and samples from other major tributaries that discharge to the Columbia River.

Based on the findings presented in the PA Report, the START recommends that the Upper Columbia River, River Mile 620 to 640 site be further investigated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

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FROM: Annette Franzen, START Project Leader, E & E, Seattle, WA *BF*

SUBJ: Site Recommendations  
Upper Columbia River Preliminary Assessment  
Segment River Mile 640 to 710  
Stevens and Ferry Counties, Washington

REF: Contract No. 68-W6-0008  
Technical Direction Document No. 99-10-0002

CC: Gary Sink, START Project Officer, U.S. EPA, Region 10, Seattle, WA  
Dave Byers, START Program Manager, E & E, Seattle, WA  
Julie Howe, START Project Manager, E & E, Seattle, WA

This recommendations memorandum has been developed for the Upper Columbia River Segment River Mile 640 to 710 site, in northeast Washington, as part of a Preliminary Assessment (PA).

The Upper Columbia River, River Mile 640 to 710 site consists of 60 miles of contaminated river sediments that are not wholly attributed to a single source. This stretch of the Columbia River begins just upstream of the Columbia River's confluence with the Spokane River and ends near the town of Marcus, Washington. Studies by the United States Geological Survey document the presence of hazardous substances in sediment samples collected from the river segment at significantly higher concentrations than those found in background samples and samples from other major tributaries that discharge to the Columbia River.

Based on the findings presented in the PA Report, the START recommends that the Upper Columbia River, River Mile 640 to 710 site be further investigated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

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TO: Monica Tonel, Task Monitor, U.S. EPA, Region 10, Seattle, WA

FROM: Annette Franzen, START Project Leader, E & E, Seattle, WA *AF*

SUBJ: Site Recommendations  
Upper Columbia River Preliminary Assessment  
Segment River Mile 710 to 730  
Stevens County, Washington

REF: Contract No. 68-W6-0008  
Technical Direction Document No. 99-10-0002

CC: Gary Sink, START Project Officer, U.S. EPA, Region 10, Seattle, WA  
Dave Byers, START Program Manager, E & E, Seattle, WA  
Julie Howe, START Project Manager, E & E, Seattle, WA

This recommendations memorandum has been developed for the Upper Columbia River Segment River Mile 710 to 730 site, in northeast Washington, as part of a Preliminary Assessment (PA).

The Upper Columbia River, River Mile 710 to 730 site consists of 20 miles of contaminated river sediments that are not wholly attributed to a single source. This stretch of the Columbia River begins at near the town of Marcus, and ends at Onion Creek, just south of the town of Northport, Washington. Studies by the United States Geological Survey document the presence of hazardous substances in sediment samples collected from the river segment at significantly higher concentrations than those found in background samples and samples from other major tributaries that discharge to the Columbia River.

Based on the findings presented in the PA Report, the START recommends that the Upper Columbia River, River Mile 710 to 730 site be further investigated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

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FROM: Annette Franzen, START Project Leader, E & E, Seattle, WA *BF*

SUBJ: Site Recommendations  
Upper Columbia River Preliminary Assessment  
Segment River Mile 730 to 745  
Stevens County, Washington

REF: Contract No. 68-W6-0008  
Technical Direction Document No. 99-10-0002

CC: Gary Sink, START Project Officer, U.S. EPA, Region 10, Seattle, WA  
Dave Byers, START Program Manager, E & E, Seattle, WA  
Julie Howe, START Project Manager, E & E, Seattle, WA

This recommendations memorandum has been developed for the Upper Columbia River Segment River Mile 730 to 745 site, in northeast Washington, as part of a Preliminary Assessment (PA).

The Upper Columbia River, River Mile 730 to 745 site consists of 15 miles of contaminated river sediments that are not wholly attributed to a single source. This stretch of the Columbia River begins at Onion Creek, just south of the town of Northport, Washington, and ends at the international boundary with Canada. Studies by the United States Geological Survey document the presence of hazardous substances in sediment samples collected from the river segment at significantly higher concentrations than those found in background samples and samples from other major tributaries that discharge to the Columbia River.

Based on the findings presented in the PA Report, the START recommends that the Upper Columbia River, River Mile 730 to 745 site be further investigated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

If you have any questions or comments regarding this recommendation please call me at 206/624-9537.